

	PCOW	Catalyst (g/g PCOW)	H ₂ atm.	Temp. (C°)	Time hrs	NaOH Conc. (%)	Solv.	Filter Particle Size (micron)	Filter Temp (°C)	Alcohol (%) per gm PCOW	Cl ₂ Isolated (%)	Catalyst Productivity (g PCOW/g Pd/ hour)	Equipment Productivity (g/l)
1	1	A 0.02	15	130	2	20	C ₆ H ₆	1.2	80	EtOH 10	>99	500	25
2	1	A 0.02	15	130	2	20	C ₆ H ₆	2.0	100	EtOH 10	>99	500	25
3	2	A 0.02	40	120	2.5	20	Toluene	2.0	100	MeOH 1.0	>99	400	20
4	3	A 0.02	50	60	2.5	20	<i>p</i> - xylene	2.0	90	<i>n</i> -butanol 5.0	>99	400	20
5	1	C 0.04	10	130	1.5	18	C ₆ H ₆	1.2	90	2-butanol 20	>99	333	16.7
6	3	B 0.04	10	110	1.5	10	C ₆ H ₆	2	70	EtOH 5.0	>99	333	16.7
7	1	A 0.02	15	130	1.5	20	*	2	90	2-hexanol 5.0	>99	750	37.5
8	1	A 0.01	30	130	2.5	20	C ₆ H ₆	1.2	100	<i>n</i> -pentanol 2.0	>99	800	40
9	1	A 0.02	15	130	2	20	C ₆ H ₆	1.2	80	EtOH 50	48	240	12
10	1	C 0.04	10	130	1.5	18	C ₆ H ₆	1.2	60	2-butanol 20	74	246	12.3
11	2	C 0.04	10	130	1.5	18	*	10	90	2-butanol 20	93	310	15.5
12	1	C 0.02	15	130	2	20		no	-	None	46	230	11.5

* mixture of benzene and cyclohexane (1:1 by volume); all numbers are approximate

Figure 1.